EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	62980	(network or WAN or LAN or node) near5 (manag$4 or monitor$4 or analy$4 or recover$3)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/09 17:15
S2	22793	(network or WAN or LAN or node) near5 (manag$4 or monitor$4 or analy$4 or recover$3) near5 (module or device or system)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:01
S3	27506	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:13
S4	1399	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point)) near5 (monitor$4 or check or analyz$3 or status)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:08
S5	12	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point)) near5 ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:17
S6	12	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) near5 ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:47

S7	50	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) same ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 11:18
S8	6	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) same ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat))) same (restor$3 or up or reinstat$3 or reestablish$3)	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 13:50
S9	2732	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 22:55
S10	308	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failure or downtime or (out adj of adj service))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:00

S11	2	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same ((failure or downtime or (out adj of adj service)) near10 (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:07
S12	1	"6,072,857".pn.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:11
S13	1	"0049845"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:12
S14	0	"0049845A1"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:12
S15	4473373	maintaining membership in high availability systems . ti.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:13
S16	0	"maintaining membership in high availability systems" . ti.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:14
S17	100	sreenivasan.in.	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:16
S18	24	sreenivasan.in. and maintaining	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:17
S19	1	"recovery modula"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:48
S20	547	"recovery module"	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:48
S21	44	"recovery module" same rout$4	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:49
S22	2	"recovery module" same rout$4 same node	US-PGPUB; USPAT; EPO	OR	ON	2004/09/10 14:49
S23	58	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 22:59

S24	3	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failed or down $2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:42
S25	6	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (migrate$3 or switch$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 23:00
S26	3	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (migrate$3 or transfer$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/06 23:01
S27	81	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failed or down $2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:49
S28	2967	(manag$4 or controll$4 or administer$4) near4 (monitor$3) near3 (status)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:52
S29	2606	(monitor$3) near3 (status) near2 (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:53

S30	201	(monitor$3) near3 (status) near2 (node or device) same (fail $2 or down)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:54
S31	0	(monitor$3) near3 (status) near2 (node or device) same (fail $2 or down) near5 (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:55
S32	10	(monitor$3) near3 (status) near2 (node or device) same (fail $2 or down) same (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 14:57
S33	24	(monitor$3) near3 (status) near9 (node or device) same (fail $2 or down) same (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:00
S34	52	(monitor$3 or track $3) near9 (status) near9 (node or device) same (fail$2 or down) same (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:12
S35	79	(monitor$3 or track $3) near9 (status) near9 (node or device or network) same (fail$2 or down) same (recover $3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:13
S36	11	709/223.ccls. and (monitor$3 or track $3) near9 (status) near9 (node or device or network) same (fail$2 or down) same (recover $3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:20
S37	33	709/223.ccls. and (network or WAN or LAN) same (manag $6) same (status) same (recover$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:44

S38	400	(device or system or switch or router) near5 (recover$3) near (module$1 or agent$1)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:47
S39	942	(device or system or switch or router) near5 (recover$3) near5 (module$1 or agent$1)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:47
S40	7	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (migrat$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 15:50
S41	61	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:03
S42	46	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2) and single	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:03
S43	56	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:10
S44	10	"note to node" near5 (recover$3) near5 (module$1 or agent $1) same (failed or down$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:56
S45	10	"note to node" near5 (recover$3 or failover) near5 (module$1 or agent $1) same (failed or down$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 16:57

S46	10902	(manag$6) same (nodes) near5 (network or WAN or LAN)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/07 17:01
S47	29	(manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob$3) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:12
S48	44	("5751964").URPN.	USPAT	OR	ON	2006/01/07 17:17
S49	6	S48 and (restor$3 or rollback)	USPAT	OR	ON	2006/01/07 17:39
S50	0	(agent or probe) near5 (migrat$3 or transfer$4) same ("node to node")	USPAT	OR	ON	2006/01/07 17:40
S51	57	(agent or probe) near5 (migrat$3 or transfer$4) near2 (node)	USPAT	OR	ON	2006/01/07 17:40
S52	14	(agent or probe) near5 (migrat$3) near2 (node)	USPAT	OR	ON	2006/06/17 20:49
S53	4	(agent or probe) near5 (migrat$3) near2 (node) with (fail$2 or fault or error or recover$3)	USPAT	OR	ON	2006/06/17 20:50
S54	24	("5113398" | "5157667" | "5321813" | "5337360" | "5355313" | "5367635" | "5572528" | "5596712" | "5623628" | "5655081" | "5692119" | "5706422" | "5815652" | "5838918" | "5872931" | "5887171" | "5901286" | "5913037" | "5987135" | "6009456" | "6012152" | "6049819" |	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 09:21

		"6055562" | "6088727").PN.				
S55	3	S54 and (successive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/17 20:52
S56	69556	"54" and statist$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 09:20
S57	4	("5113398" | "5157667" | "5321813" | "5337360" | "5355313" | "5367635" | "5572528" | "5596712" | "5623628" | "5655081" | "5692119" | "5706422" | "5815652" | "5838918" | "5872931" | "5887171" | "5901286" | "5913037" | "5987135" | "6009456" | "6012152" | "6049819" | "6055562" | "6088727").PN. and statist$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/19 09:21
S58	2	709/223.ccls. and (manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob$3) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:13
S59	1	709/223.ccls. and (manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or probes) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:13
S60	26	(agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (status or detect $3) with (fault or recover$2)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:16

S62	5490	(agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:17
S63	47	709/223.ccls. and (agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 10:17
S64	2	709/223.ccls. and (agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4) with (fault or down$2)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:28
S65	12	(heartbeat) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:39
S66	133	(messaging) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:40
S67	42	(messaging) with (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:40
S68	5	(messaging) with (protocol) with (status) with (node or device) with (agent or module)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:41
S69	20	(messaging) near4 (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 17:46
S70	34	(messaging) near4 (protocol) with (status or monitor$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:07
S71	231	(ICMP or ping) with (status or monitor$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:09
S72	11	(ICMP or ping) with (status) with (node or device) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:16
S73	25	(ICMP or ping) with (status) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:32

S74	303	(ICMP or ping) with (status) and (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:32
S75	55	(ICMP or ping) with (status) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:33
S76	6	(ICMP or ping) with (status) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:34
S77	6	(ICMP or ping or ARP) with (status) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:34
S78	142	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:35
S79	5	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent) with status	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:34
S80	77	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent) and status	US-PGPUB; USPAT; EPO	OR	ON	2006/06/19 18:35
S81	148	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:17
S82	17	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:17
S83	19	(agent) with (periodic $3) with (status) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 18:05

S84	49	(agent) with (periodic $3) with (monitor$3 or status or track$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 18:07
S85	4	(agent) near4 (periodic$3) near3 (monitor$3 or status or track$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 18:06
S86	165	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:24
S87	20	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S88	75	(heartbeat) adj (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S89	56	(heartbeat) adj (protocol) and status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S90	8	(heartbeat) adj (protocol) same status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 09:26
S91	24	(heartbeat) near5 (protocol) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:03
S92	36	(heartbeat) near5 (protocol) same status and (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:08
S93	175	(heartbeat) near5 (protocol or message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:08

S94	153	(heartbeat) near5 (message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:08
S95	36	(heartbeat) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/08 20:09
S96	54	(heartbeat or alive) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 11:14
S97	42	(migrat$4) same (agent or module$ or daemon) same (node) same (network) same (monitor$3 or track$3 or collect$3 or capture$3 collat$3 or gather$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 17:14
S98	28	(migrat$4) same (agent or module$ or daemon) same (node) same (network) same (monitor$3 or track$3 or collect$3 or capture$3 collat$3 or gather$3) and (recover$4 or correct$3 or heal$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 17:22
S99	163037	(network or WAN or LAN or node) near5 (manag$4 or monitor$4 or analy$4 or recover$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S100	63551	(network or WAN or LAN or node) near5 (manag$4 or monitor$4 or analy$4 or recover$3) near5 (module or device or system)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S101	59837	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S102	3213	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point)) near5 (monitor$4 or check or analyz$3 or status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S103	36	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point)) near5 ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S104	36	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) near5 ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S105	181	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) same ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S106	19	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) same ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat))) same (restor$3 or up or reinstat$3 or reestablish$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S107	6112	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S108	703	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failure or downtime or (out adj of adj service))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S109	7	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same ((failure or downtime or (out adj of adj service)) near10 (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S110	1	"6,072,857".pn.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S111	2	"0049845"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S112	0	"0049845A1"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S113	6915469	maintaining membership in high availability systems .ti.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S114	0	"maintaining membership in high availability systems" .ti.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S115	319	sreenivasan.in.	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S116	73	sreenivasan.in. and maintaining	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S117	1	"recovery modula"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S118	1632	"recovery module"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S119	150	"recovery module" same rout$4	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S120	5	"recovery module" same rout$4 same node	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S121	125	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S122	18	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failed or down$2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S123	13	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (migrate$3 or switch$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S124	8	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (migrate$3 or transfer$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S125	195	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failed or down$2) near3 (node or device or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S126	4768	(manag$4 or controll$4 or administer$4) near4 (monitor$3) near3 (status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S127	4693	(monitor$3) near3 (status) near2 (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S128	420	(monitor$3) near3 (status) near2 (node or device) same (fail$2 or down)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S129	3	(monitor$3) near3 (status) near2 (node or device) same (fail$2 or down) near5 (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S130	25	(monitor$3) near3 (status) near2 (node or device) same (fail$2 or down) same (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S131	48	(monitor$3) near3 (status) near9 (node or device) same (fail$2 or down) same (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S132	98	(monitor$3 or track$3) near9 (status) near9 (node or device) same (fail$2 or down) same (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S133	140	(monitor$3 or track $3) near9 (status) near9 (node or device or network) same (fail$2 or down) same (recover $3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S134	16	709/223.ccls. and (monitor$3 or track $3) near9 (status) near9 (node or device or network) same (fail$2 or down) same (recover $3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S135	51	709/223.ccls. and (network or WAN or LAN) same (manag $6) same (status) same (recover$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S136	818	(device or system or switch or router) near5 (recover$3) near (module$1 or agent$1)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S137	1817	(device or system or switch or router) near5 (recover$3) near5 (module$1 or agent$1)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S138	19	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (migrat$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S139	126	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S140	99	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2) and single	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S141	115	(device or system or switch or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S142	16	"note to node" near5 (recover$3) near5 (module$1 or agent $1) same (failed or down$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S143	16	"note to node" near5 (recover$3 or failover) near5 (module$1 or agent $1) same (failed or down$2) and single or "one at a time"	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S144	21717	(manag$6) same (nodes) near5 (network or WAN or LAN)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S145	77	(manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob$3) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S146	58	("5751964").URPN.	USPAT	OR	ON	2009/07/27 18:17
S147	8	S146 and (restor$3 or rollback)	USPAT	OR	ON	2009/07/27 18:17
S148	0	(agent or probe) near5 (migrat$3 or transfer$4) same ("node to node")	USPAT	OR	ON	2009/07/27 18:17
S149	116	(agent or probe) near5 (migrat$3 or transfer$4) near2 (node)	USPAT	OR	ON	2009/07/27 18:17
S150	19	(agent or probe) near5 (migrat$3) near2 (node)	USPAT	OR	ON	2009/07/27 18:17
S151	4	(agent or probe) near5 (migrat$3) near2 (node) with (fail$2 or fault or error or recover$3)	USPAT	OR	ON	2009/07/27 18:17

S152	24	("5113398" | "5157667" | "5321813" | "5337360" | "5355313" | "5367635" | "5572528" | "5596712" | "5623628" | "5655081" | "5692119" | "5706422" | "5815652" | "5838918" | "5872931" | "5887171" | "5901286" | "5913037" | "5987135" | "6009456" | "6012152" | "6049819" | "6055562" | "6088727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17
S153	3	S152 and (successive)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17
S154	104831	"54" and statist$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17
S155	4	("5113398" | "5157667" | "5321813" | "5337360" | "5355313" | "5367635" | "5572528" | "5596712" | "5623628" | "5655081" | "5692119" | "5706422" | "5815652" | "5838918" | "5872931" | "5887171" | "5901286" | "5913037" | "5987135" | "6009456" | "6012152" | "6049819" | "6055562" | "6088727").PN. and statist$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 18:17

S156	7	709/223.ccls. and (manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or prob$3) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S157	5	709/223.ccls. and (manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or probes) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S158	40	(agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (status or detect $3) with (fault or recover$2)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S159	12190	(agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S160	128	709/223.ccls. and (agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S161	3	709/223.ccls. and (agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4) with (fault or down$2)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S162	39	(heartbeat) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S163	262	(messaging) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S164	90	(messaging) with (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S165	8	(messaging) with (protocol) with (status) with (node or device) with (agent or module)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S166	45	(messaging) near4 (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S167	75	(messaging) near4 (protocol) with (status or monitor$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S168	478	(ICMP or ping) with (status or monitor$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S169	18	(ICMP or ping) with (status) with (node or device) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S170	47	(ICMP or ping) with (status) with (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S171	625	(ICMP or ping) with (status) and (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S172	99	(ICMP or ping) with (status) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S173	8	(ICMP or ping) with (status) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S174	8	(ICMP or ping or ARP) with (status) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S175	245	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17

S176	12	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent) with status	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S177	127	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent) and status	US-PGPUB; USPAT; EPO	OR	ON	2009/07/27 18:17
S178	242	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S179	37	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S180	38	(agent) with (periodic $3) with (status) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S181	76	(agent) with (periodic $3) with (monitor$3 or status or track$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S182	8	(agent) near4 (periodic$3) near3 (monitor$3 or status or track$3) with (node or server or client or entity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S183	242	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S184	37	(heartbeat) near3 (protocol) same (status)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17

S185	100	(heartbeat) adj (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S186	73	(heartbeat) adj (protocol) and status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S187	14	(heartbeat) adj (protocol) same status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S188	24	(heartbeat) near5 (protocol) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S189	40	(heartbeat) near5 (protocol) same status and (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S190	187	(heartbeat) near5 (protocol or message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S191	165	(heartbeat) near5 (message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S192	43	(heartbeat) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17
S193	63	(heartbeat or alive) near5 (message) same status same (agent or module) same (node or device)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 18:17

S195	0	managing.clm. and distributed.clm. and nodes.clm. and module.clm. and migratory.clm. and monitor.clm. and status.clm. and initiate.clm. and recovery.clm. and determination.clm. and failed.clm. and processes.clm. and statistically.clm. and reliability.clm.	US-PGPUB; USPAT	OR	ON	2010/02/09 10:40
S196	176117	(network or WAN or LAN or node) near5 (manag$4 or monitor $4 or analy$4 or recover$3)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S197	68858	(network or WAN or LAN or node) near5 (manag$4 or monitor $4 or analy$4 or recover$3) near5 (module or device or system)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S198	63858	(manag$4 or controll $4 or administer$4) near5 (node or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S199	3464	(manag$4 or controll $4 or administer$4) near5 (node or junction or (end adj point)) near5 (monitor$4 or check or analyz$3 or status)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S201	39	((manag$4 or controll $4 or administer$4) near5 (node or junction or (end adj point))) near5 ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40

S202	197	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) same ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S204	6539	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S205	743	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore) same (failure or downtime or (out adj of adj service))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S209	0	"0049845A1"	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S210	7177847	maintaining membership in high availability systems . ti.	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S211	0	"maintaining membership in high availability systems" . ti.	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S214	1	"recovery modula"	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S215	1798	"recovery module"	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S216	161	"recovery module" same rout$4	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40

S218	133	709/223.ccls. and ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitializaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S223	5024	(manag$4 or controll$4 or administer$4) near4 (monitor$3) near3 (status)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S224	5005	(monitor$3) near3 (status) near2 (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S225	449	(monitor$3) near3 (status) near2 (node or device) same (fail$2 or down)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S226	4	(monitor$3) near3 (status) near2 (node or device) same (fail$2 or down) near5 (recover$3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S230	148	(monitor$3 or track $3) near9 (status) near9 (node or device or network) same (fail$2 or down) same (recover $3 or failover)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S233	876	(device or system or switch or router) near5 (recover$3) near (module$1 or agent$1)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S234	1959	(device or system or switch or router) near5 (recover$3) near5 (module$1 or agent$1)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S237	106	(device or system or router or node) near5 (recover $3) near5 (module$1 or agent$1) same (failed or down$2) and single	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40

S241	23613	(manag$6) same (nodes) near5 (network or WAN or LAN)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S245	0	(agent or probe) near5 (migrat$3 or transfer$4) same ("node to node")	USPAT	OR	ON	2010/02/09 10:40
S246	124	(agent or probe) near5 (migrat$3 or transfer$4) near2 (node)	USPAT	OR	ON	2010/02/09 10:40
S251	111512	"54" and statist$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/09 10:40
S254	7	709/223.ccls. and (manag$6) same (nodes) near5 (network or WAN or LAN) same (agent or probes) same (recover$3 or restor $3)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S256	13575	(agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S257	143	709/223.ccls. and (agent$1 or probe$1 or module$1) with (migrat$4 or mobile) with (manag$5 or control$4)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S260	281	(messaging) with (protocol) with (status)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S261	98	(messaging) with (protocol) with (status) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S265	518	(ICMP or ping) with (status or monitor$3) with (node or device)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S268	666	(ICMP or ping) with (status) and (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S269	102	(ICMP or ping) with (status) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40

S271	8	(ICMP or ping or ARP) with (status) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S272	256	(ICMP or ping or ARP) with (network) with (device or node or entit$3) same (probe or agent)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S275	261	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S280	261	(heartbeat) near3 (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S282	102	(heartbeat) adj (protocol)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S283	75	(heartbeat) adj (protocol) and status	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S286	42	(heartbeat) near5 (protocol) same status and (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S287	204	(heartbeat) near5 (protocol or message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S288	182	(heartbeat) near5 (message) same status same (agent or module)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2010/02/09 10:40
S293	176117	(network or WAN or LAN or node) near5 (manag$4 or monitor$4 or analy$4 or recover$3)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40

S294	68858	(network or WAN or LAN or node) near5 (manag$4 or monitor$4 or analy$4 or recover$3) near5 (module or device or system)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S295	63858	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S296	3464	(manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point)) near5 (monitor$4 or check or analyz$3 or status)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S298	39	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) near5 ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S299	197	((manag$4 or controll$4 or administer$4) near5 (node or junction or (end adj point))) same ((monitor$4 or check or analyz$3 or status) same (ping or heartbeat or (heart adj beat)))	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40
S301	6539	((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialiaze$3 or restart or restore)	US-PGPUB; USPAT; EPO	OR	ON	2010/02/09 10:40

| S302 | 743 | ((manag$4 or controll$4 or administer$4) near8 (node or device or junction or (end adj point))) same (recover or reinitialize$3 or restart or restore) same (failure or downtime or (out adj of adj service)) | US-PGPUB; USPAT; EPO | OR | ON | 2010/02/09 10:40 |
| S306 | 0 | "0049845A1" | US-PGPUB; USPAT; EPO | OR | ON | 2010/02/09 10:40 |

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